	Application No.	Applicant(s)
Notice to Comply	09/698,789 Examiner	SPENCER ET AL.  Art Unit
	David H Kruse	1638 FIONS CONTAINING

## NOTICE TO COMPLY WITH REQUIREMENTS FOR PATENT APPLICATIONS CONTAINING NUCLEOTIDE SEQUENCE AND/OR AMINO ACID SEQUENCE DISCLOSURES

Applicant must file the items indicated below within the time period set the Office action to which the Notice is attached to avoid abandonment under 35 U.S.C. § 133 (extensions of time may be obtained under the provisions of 37 CFR 1.136(a)).

The nucleotide and/or amino acid sequence disclosure contained in this application does not comply with the requirements

_	ne nucleotide and/or amino acid sequence disclosure contained in this application does not comply wat at a set or such a disclosure as set forth in 37 C.F.R. 1.821 - 1.825 for the following reason(s):	
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	1. This application clearly fails to comply with the requirements of 37 C.F.R. 1.821-1.825. Applicant's attention is directed to the final rulemaking notice published at 55 FR 18230 (May 1, 1990), and 1114 OG 29 (May 15, 1990). If the effective filing date is on or after July 1, 1998, see the final rulemaking notice published at 63 FR 29620 (June 1, 1998) and 1211 OG 82 (June 23, 1998).	
	2. This application does not contain, as a separate part of the disclosure on paper copy, a "Sequence Listing" as required by 37 C.F.R. 1.821(c).	
	required by 37 C.1.11. 1.02 1(9).	
	3. A copy of the "Sequence Listing" in computer readable form has not been submitted as required by  3. A copy of the "Sequence Listing" in computer readable form has not been submitted as required by  3. A copy of the "Sequence Listing" in computer readable form has not been submitted as required by	
	4. A copy of the "Sequence Listing" in computer readable form has been submitted. However, the content of the computer readable form does not comply with the requirements of 37 C.F.R. 1.822 and/or 1.823, as indicated on the attached copy of the marked -up "Raw Sequence Listing."	
	5. The computer readable form that has been filed with this application has been found to be damaged and/of unreadable as indicated on the attached CRF Diskette Problem Report. A Substitute computer readable form must be unreadable as indicated by 37 C.F.R. 1.825(d).	
	6. The paper copy of the "Sequence Listing" is not the same as the computer readable from of the "Sequence Listing" is not the same as the computer readable from of the "Sequence Listing" is not the same as the computer readable from of the "Sequence Listing" is not the same as the computer readable from of the "Sequence Listing" is not the same as the computer readable from of the "Sequence Listing" is not the same as the computer readable from of the "Sequence Listing" is not the same as the computer readable from of the "Sequence Listing" is not the same as the computer readable from of the "Sequence Listing" is not the same as the computer readable from of the "Sequence Listing" is not the same as the computer readable from of the "Sequence Listing" is not the same as the computer readable from of the "Sequence Listing" is not the same as the computer readable from of the "Sequence Listing" is not the same as the computer readable from of the "Sequence Listing" is not the same as the computer readable from the sa	
	<ul> <li>         \int 7. Other: The Amendment filed 12 March 2002 is acknowledged, but the CRF was either destroyed or lost in the attemped response. A new CRF is required, see attached note.     </li> </ul>	
	Applicant Must Provide:  ☑ An initial or substitute computer readable form (CRF) copy of the "Sequence Listing".	
	An initial or substitute paper copy of the "Sequence Listing", as well as an amendment directing its entry into the	
	specification.  A statement that the content of the paper and computer readable copies are the same and, where applicable, include no new matter, as required by 37 C.F.R. 1.821(e) or 1.821(f) or 1.821(g) or 1.825(b) or 1.825(d).	
	For questions regarding compliance to these requirements, please contact:	
	For Rules Interpretation, call (703) 308-4216	
	For CRF Submission Help, call (703) 308-4212	
	Les of the Drogram Silbhoff	
	T - I Accietance	
	Technical Assistance 703-306-2600	- 1

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Art Unit: 1638

A reply to a notice to comply with the sequence rules should NOT be sent to the 20231 zip code address for the United States Patent and Trademark Office.

Please direct all replies to the United States Patent and Trademark Office via one (1) of the following:

1. Electronically submitted through EFS-Bio (<a href="http://www.uspto.gov/ebc/efs/downloads/documents.htm">http://www.uspto.gov/ebc/efs/downloads/documents.htm</a>, EFS Submission User Manual - ePAVE)

2. Mailed to:

U.S. Patent and Trademark Office Box Sequence, P.O. Box 2327 Arlington, VA 22202

3. Mailed by Federal Express, United Parcel Service or other delivery service to:

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4. Hand Carried directly to the Customer Window at: 2011 South Clark Place
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